

## **STRUCTURE OF LED ILLUMINATING APPARATUS**

### **ABSTRACT OF THE INVENTION**

- 5    The present invention provides a structure of an LED illuminating apparatus, which is used as the light source to prevent damage to the optical components by the UV and IR radiation emitted from the conventional UHP mercury lamp. The red, green, and blue monochromatic LED arrays emit desirable wavelengths such as the primary colors rather than starting with a broadband light source
- 10   and filter out the undesired wavelengths of the conventional projector.